

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 06/06/07
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1. (Original) A disk recording apparatus for recording data on an optical disk composed to have a wobble PM (Phase Modulation) format, comprising:
 - means for detecting a first synchronous signal to be modulated into a reproduced wobble signal and indicating the head of a first data component unit and first address information contained in data composition;
 - means for detecting a second synchronous signal to be modulated into a reproduced track signal and indicating the head of a second data component unit and second address information contained in data composition;
 - first selecting means for selecting a detection timing of said first synchronous signal or a detection timing of said second synchronous signal or second address information;
 - second selecting means for selecting said first or second detection address; and
 - control means for specifying a linking position in synchronous to wobble positions on said disk, based on a selected detection timing sent from said first selecting means and a selected detection address sent from said selecting means and controlling a recording operation for a recording target track section.
 2. (Original) A disk recording method for recording data on an optical disk composed to have a wobble PM (Phase Modulation) format, comprising the steps of:
 - detecting a first synchronous signal to be modulated into a reproduced wobble signal and indicating the head of a first data component unit and first address information contained in data composition;